

[PA010047]

4

Amendments to the Drawings:

Please replace Figs. 4 and 5 with the attached replacement figures.

[PA010047]

10

### Remarks

Claims 1-22 are currently pending in the application. Claims 5 and 11 have been amended. Claim 21 has been canceled.

#### *Objections to the Drawings*

The Examiner has objected to the drawings because the "control element coupled to a switch" claimed in claims 1, 7, 13, 16 and 19-22 was not shown in the drawings. The control element has been added to Figs. 4 and 5. This is not new matter because the control element was clearly described in the specification at page 3, lines 6-9, page 9 lines 11-13, page 10 lines 19-22 and in the claims as being coupled to and activating the switch (as claimed).

#### *Rejections under 35 U.S.C. §112*

The Examiner has rejected claims 5 and 11 under 35 U.S.C. § 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which the applicants regard as the invention. The Examiner then mentions that the parameters  $n$ ,  $x$ , and  $y$  are not defined in the claims.

Claims 5 and 11 have been amended to make clear that  $y(n)$  is simply an output sequence of samples and  $x(n)$  is the input sequence from which  $y(n)$  is generated.

#### *Rejections under 35 U.S.C. §102(b)*

The Examiner has rejected claims 1-16 and 19-22 under 35 U.S.C. §102(b) as being anticipated by Abe et al. (U.S. Patent 5,581,652). Claim 21 has been canceled.

[PA010047]

11

Claims 1 and 7 both contain the elements "a control element" and "a switch coupled to the control element". Neither of these elements is taught or suggested by Abe. These claims should be allowable over the cited art.

Claim 13 contains the element "a speech synthesis element for creating a synthesized wideband speech signal". This element is not taught or suggested by Abe. Instead, Abe just discloses the use of a wideband training signal. This claim should be allowable over the cited art.

Claim 16 contains the elements "determining whether the target destination can process the wideband waveform" and "if the target destination can process the wideband waveform, then transmitting the wideband waveform..." Neither of these elements is taught or suggested by Abe. In fact, Abe teaches away from them. Abe teaches replacing the wideband signals with a narrowband signal from which the wideband signal can be recreated at the destination. See Col. 1 lines 57-63 and Abstract. This claim should be allowable over the cited art.

Claims 19, 20 and 22 contain the elements "receiving a final destination address originating from a remote unit", "comparing the final destination address to a plurality of destination addresses within an identification database", and "if the final destination address matches one of the plurality of destination addresses ...then transmitting the wideband signal". None of these elements is taught or suggested by Abe. These claims should be allowable.

Claims 2-4, 6, 8-10, 12, 14 and 15 are ultimately dependent upon one of the above independent claims. As each of the independent claims is believed to be allowable, these should be too.

*Allowable Subject Matter*

The Examiner has objected to claims 17 and 18 as being dependent upon a rejected base claim and indicated that they would be allowable if rewritten in independent

[PA010047]

12

form including all the limitations of the base claim and any intervening claims. Claims 17 and 18 ultimately depend from claim 16. As discussed above, claim 16 should be allowable. Thus, claims 17 and 18 should be as well.

*Conclusion*

In view of the foregoing, Applicant submits that all pending claims in the Application are patentable. Accordingly, reconsideration and allowance of this Application is earnestly solicited. Should any issues remain unresolved, the Examiner is encouraged to telephone the undersigned at the number provided below.

Respectfully submitted,

Dated: September 22, 2005By: Timothy F. Loomis

Reg. No. 37,383

Attorney for Applicant

QUALCOMM Incorporated  
ATTN: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121  
Telephone: (858) 845-8355  
Facsimile: (858) 658-2502